

## **ABSTRACT OF THE DISCLOSURE**

A cavity length is determined on the basis of a relationship of electric drive power to a range of optical output power over 50 mW, for cavity length to be constant as a parameter in a range over 1000  $\mu\text{m}$ , so that the electric drive power is vicinal to a minimum thereof in correspondence to a desirable optical output power. If the optical output is 360 mW for example, a cavity length of 1500  $\mu\text{m}$  is determined to be selected.